

**IN THE CLAIMS:**

Cancel claims 9, 10, 15 – 19.

Amend claims 2, 3, 5 – 10 and 13 – 14 as set forth below:

1. (original) A compressor, comprising:  
  
a compressor housing;  
  
compressing means for compressing a refrigerant located within the compressor housing;  
  
a shaft extend from said means;  
  
a pulley mounted to the shaft for rotation therewith;  
  
a hub mounted to the shaft on an outer axial end of the pulley;  
  
an electromagnetic coil for drawing the hub toward the compressor, the electromagnetic coil being located between the compressor housing and the pulley; and  
  
a cap mounted to the pulley for containing any sparks generated by contact between the hub and the pulley.
2. (currently amended) The compressor of claim 1, wherein the cap is mounted to the pulley exclusively by interference fit.
3. (currently amended) The compressor of claim 1, wherein the cap has ~~[[an]]~~ a cylindrical internal surface with a precisely machined internal diameter that closely receives ~~[[an]]~~ a cylindrical outer circumferential edge on the pulley.
4. (original) The compressor of claim 1, wherein the cap always rotates with the pulley.

5. (currently amended) The compressor of claim ~~[[1]]~~ 3, wherein the outer circumferential edge on the pulley is located on an axially outer end of the pulley.

6. (currently amended) The compressor of claim 1, wherein the hub has an outer circumferential edge with a diameter that is smaller than a diameter of an outer circumferential edge on the pulley.

7. (currently amended) The compressor of claim 1, wherein ~~[[the]]~~ an outer circumferential edge on the hub does not make contact with ~~[[the]]~~ an internal surface of the cap.

8. (currently amended) In a boat having an engine and a raw-water pump, the raw-water pump having a raw-water intake that draws raw water from a body of water on which the boat floats and circulates the raw water for cooling the engine, the improvement comprising:

a compressor driven by the engine for compressing refrigerant, the compressor having a shaft, a pulley mounted to the shaft for rotation therewith, a hub movably mounted to the shaft on an outer axial end of the pulley, an electromagnetic coil for drawing the hub toward the compressor, and a cap mounted to the pulley for encapsulating any sparks that are generated by engagement of the compressor when the hub and pulley make contact;

a refrigerant condenser having a refrigerant passage and a raw-water passage in thermal communication with each other, the refrigerant passage having an inlet connected to an outlet of the compressor, the raw-water passage being connected to the raw-water intake for cooling the refrigerant; ~~[[and]]~~

an evaporator assembly connected between the condenser and an inlet of the compressor for exchanging heat with ambient air in the boat~~[[.]]~~; and

the cap has a cylindrical internal surface with a precisely machined internal diameter that closely receives a cylindrical outer circumferential edge on the pulley such that the cap is mounted to the pulley exclusively by interference fit.

9. (canceled)

10. (canceled)

11. (original) The boat of claim 8, wherein the cap always rotates with the pulley.

12. (original) The boat of claim 8, wherein the outer circumferential edge on the pulley is located on an axially outer end of the pulley.

13. (currently amended) The boat of claim [[8]] 12, wherein the hub has an outer circumferential edge with a diameter that is smaller than a diameter of the outer circumferential edge on the pulley.

14. (currently amended) The boat of claim [[8]] 13, wherein the outer circumferential edge on the hub does not make contact with the internal surface of the cap.

15. (canceled)

16. (canceled)

17. (canceled)

18. (canceled)

19. (canceled)

Add the following new claim:

20. (new) A compressor, comprising:

a compressor housing;

compressing means for compressing a refrigerant located within the compressor housing;

a shaft extend from said means;

a pulley mounted to the shaft for rotation therewith;

a hub mounted to the shaft on an outer axial end of the pulley;

an electromagnetic coil for drawing the hub toward the compressor, the electromagnetic coil being located between the compressor housing and the pulley;

a cap mounted to the pulley exclusively by interference fit for containing any sparks generated by contact between the hub and the pulley, the cap having a cylindrical internal surface with a precisely machined internal diameter that closely receives a cylindrical outer circumferential edge on the pulley such that the cap always rotates with the pulley; and wherein

the outer circumferential edge on the pulley is located on an axially outer end of the pulley, and the hub has an outer circumferential edge with a diameter that is smaller than a diameter of the outer circumferential edge on the pulley such that the outer circumferential edge on the hub does not make contact with the internal surface of the cap.